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Rent Video Dance Floor

User Manual

RT-VDF50S10-WV0



Support Telephone: +8620-86872001/2/3-609

Support Email: support@rigelighting.com (QQ、 MSN as same)

Website: <http://www.rigelighting.com>

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1. Packing List

1.1. Computer control system

- ◆ CD ____pcs
- ◆ 5 meter power cable ____pcs
- ◆ 5meter net cable ____pcs
- ◆ Ribbon cable ____pcs
- ◆ DVI card ____pcs
- ◆ Sending card ____pcs
- ◆ Receiving card ____pcs
- ◆ Transmit card ____pcs

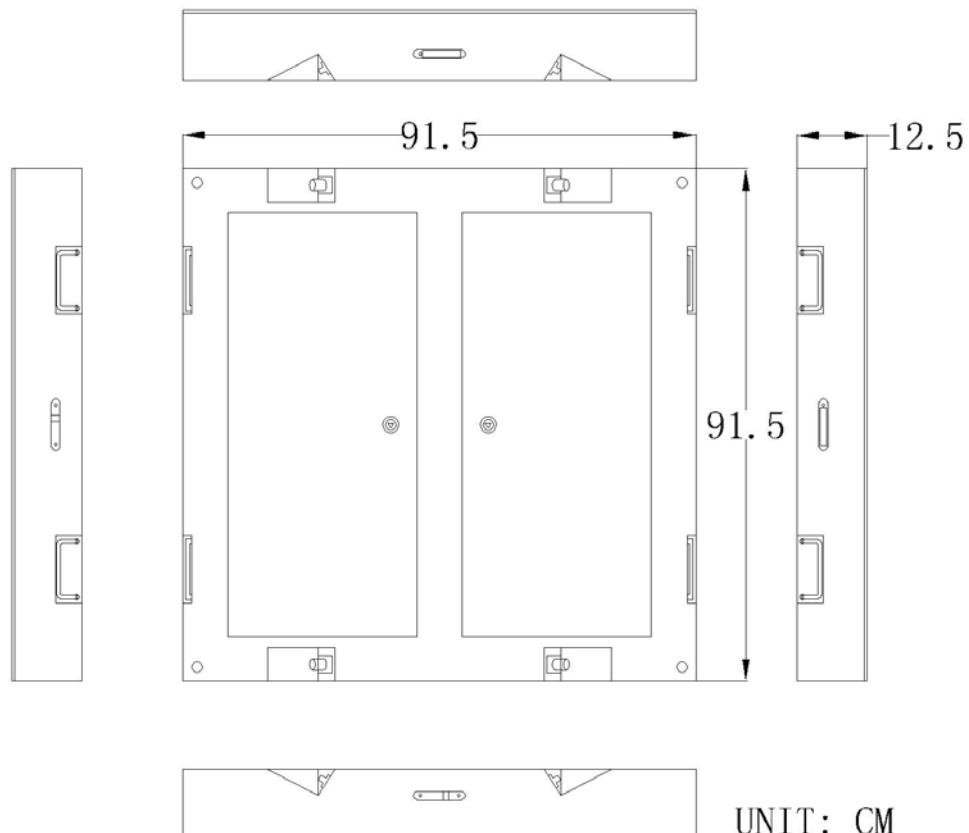
1.2. Products and parts

- ◆ Video dance floor ____pcs
- ◆ Lamp PCB____pcs,with all electronic accessories
- ◆ Connection strip ____pcs, screw ____pcs
- ◆ LEDs, red ____pcs, green ____pcs, blue ____pcs
- ◆ IC ____pcs

1.3. Other

- ◆ User manual____pcs

2. Schematic Diagram



UNIT: CM

3. Product Features

- Special lighting effect
- Quick and easy installation
- Box Interlock,no leveling
- Equipped with data receiving card, can be used in combination
- Sealed for long, durable lifetime

4. Specifications

4.1. Physical Specifications

Product Series: Rent series

Item No.: RT-VDF50S10-WV0

Size: 915x915x125mm

Net Weight: 57Kg

Gross Weight: 150Kg /two pcs

Color: White

Resolution: (90x90)/pcs

Pixel Pitch: 10mm

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Material: Acrylic panels、Iron cabinet、Plastic foot

Package Quantity: Two pcs /flycase

Package Size: 1090 x 1090 x 420mm

Protect Level: IP

Working Temperature: -25°C~+35°C

4.2. Electrical Specifications

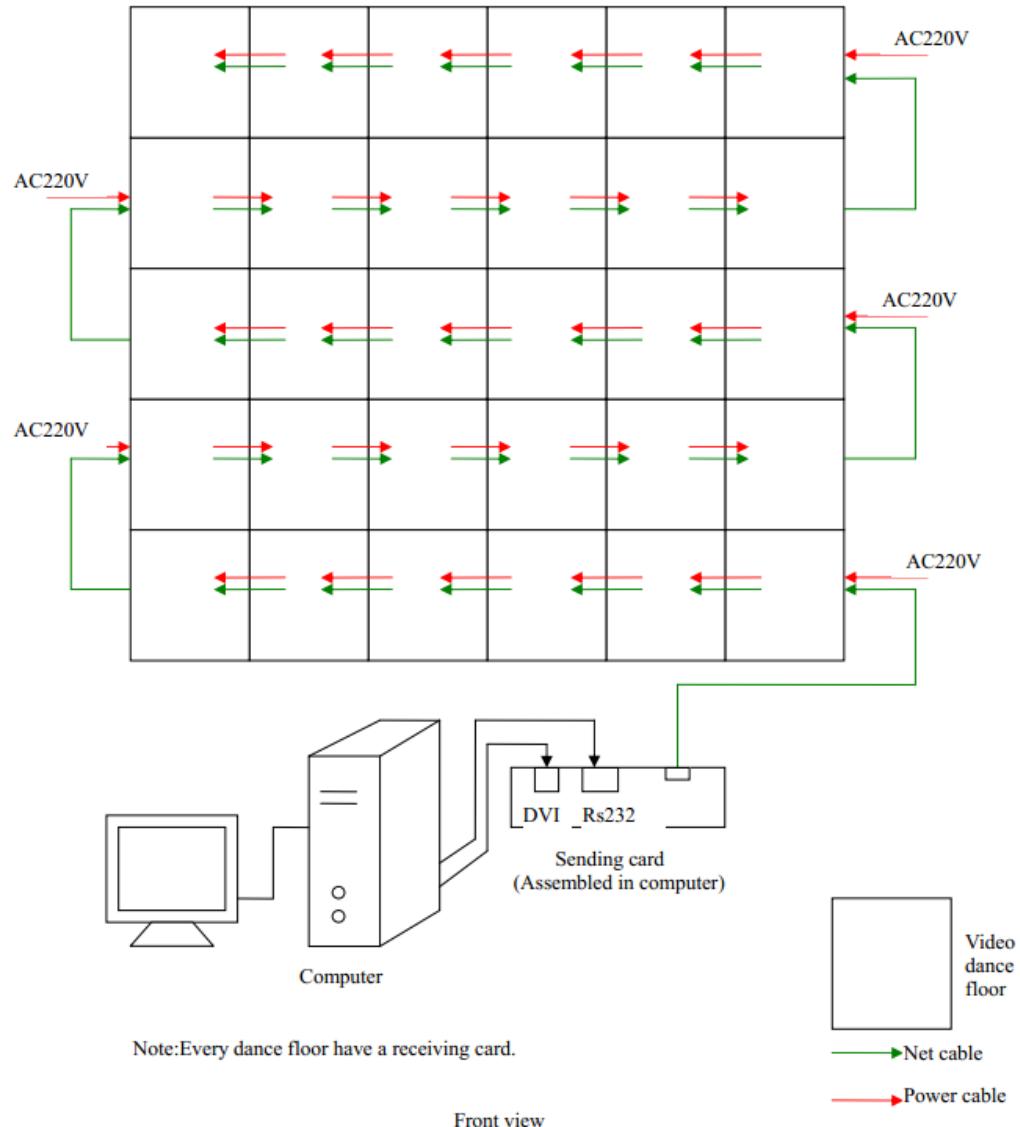
Power: 600W

Voltage: AC 110-240V 50/60Hz

Service Life: 50000hour

5. Installation Method

5.1. Connection Diagram



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5.2. AC Power

The fixture is designed to work on 110-240V 50/60Hz. Before applying power to a unit, check that the source voltage matches the unit's requirement.

6. Install Step

6.1. Install hardware

- 1) Make sure the computer have DVI output port .If it haven't, add a display card in computer and install display card driver. Then close the computer.
- 2) Plug sending card into computer's PCI slot . Assemble the DVI cable through computer display card to sending card .Assemble the sending card additional wire through USB port to sending card Rs232 port.
- 3) Power on the computer. Right click the desktop and choose display card control panel. Set two monitors and set them the same . After this step being successfully done, the sending card green led will twinkle.
- 4) Put the video dance floors on the ground side bay side, Asstemble the signal cable and power cable as connection diagram.
- 5) Connect the video dance floor with the computer though a net cable.
- 6) After everything is ready, supply the power. The video dance floor will display a part of computer's desktop.

6.2. Install , Uninstall LED Studio

The video dance floor was controlled by software LED Studio. About LED Studio, please refer to LED Studio user manual.

7. Technical Support

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Website: <http://www.rigelighting.com>

WAP: <http://www.rige.mobi>

Suggestions and Complaints: complaint@rigelighting.com

Working Time: (Beijing Time)

Monday to Friday 08:00~12:00 13:30~17:30 18:30~20:30

Saturday 09:00~12:00 13:30~17:00

Note: all the rest of China's holidays!

8. Notice

In order to make sure the product is used well, please read the Manual carefully!

★ If the product not been used for long time, please keep it under normal tempreture environment, to avoid damage the element through too dry or too wet environment.

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- ★ Do your best to make sure don't use the product under very dry environment to avoid static.
- ★ When installing or moving the product, please protect display panel, to avoid scuff and damage.
- ★ Install or dismantle should operate by professional engnieer
- ★ Using the product, the change rate of power voltage should be within $\pm 10\%$,If the voltage is too high,it will shorten the light's life; if it's not enough, will inflence the effect.

9. Disclaimer

While every care has been taken with the details on this specification sheet, we take no responsibility for any inaccuracies caused during installation. We reserve the right to change these specifications without notice to always ensure that the customer is receiving a superior product.

10. Amendment Log

- 4/20/2012 1:42:18 PM Refresh and revise the user manual.